

# **Exhibit “A”**

## **Part 5 of 5**

***APPENDIX B***  
***Historical Waste Inventory***  
***and Totaled/Extrapolated***  
***Waste Volumes Tables***

Table 1a  
American Cyanamid, Bound Brook NJ  
Historical Waste Inventory: 1969-1977

Waste Type Generated	Period (Date)	# of 55-gal Drums	Gallons	Pounds	Tons	Cubic Yds	# of Tank Wagons	Container/transport type	Reference or Bates #	Comments
<i>Summary of Waste Shipments via Jonas, 1976 - 1978 (American Cyanamid records)*:</i>										
Flammable Solids (450 lbs/drum) (includes press cake wet with Isopropanol/toluene, Hyflo-Carbon salt, Hetrayan-Carbon, Amoxapine crude Rx Magnisol Carbon, Loxapine Magnisol carbon [with acetone], Sorb Hyflo Carbon [with monochlorobenzene])	1976-1978	1,142		513,900				Drums	Am. Cyanamid, 1993	
Sodium Dichromate sludge	1976-1978	105	5,775	-				Drums	Am. Cyanamid, 1993	
Waste still bottoms (Bldg 872)	1976-1977	-	-	37,380				unspecified	Am. Cyanamid, 1993	
Waste still bottoms (Bldg 872)	1976-1977						6	Tank trucks	Am. Cyanamid, 1993	
Miscellaneous (includes zinc cake, solid organic waste, scrap chemicals [paint]) [no conversion factor given for equivalent pounds]	1977	49						Drums	Am. Cyanamid, 1993	
Distillation still pots	1976-1978	-		118,860				unspecified	Am. Cyanamid, 1993	
Waste NOX (poisonous liquid)	1976-1978	39	2,145	-				Drums	Am. Cyanamid, 1993	
Waste NOX (poisonous liquid)	1976-1978			78,750				unspecified	Am. Cyanamid, 1993	
Waste NOX (poisonous liquid)	1976-1978			1,171,660			1	Tank trucks	Am. Cyanamid, 1993	
Flammable liquids (includes Isopropanol, waste solvents)	1976-1978							unspecified	Am. Cyanamid, 1993	
Flammable liquids (includes Isopropanol, waste solvents)	1976-1978						24	Tank trucks	Am. Cyanamid, 1993	
Flammable liquids (includes Isopropanol, waste solvents)	1976-1978	780	42,900					Drums	Am. Cyanamid, 1993	
Aqueous ammonia from DPA (diphenylamine process)	1976-1978			721,760				unspecified	Am. Cyanamid, 1993	
Aqueous ammonia from DPA	1976-1977						36	Tank trucks	Am. Cyanamid, 1993	
MBT tars	1976-1978						25	Tank trucks	Am. Cyanamid, 1993	
MBT tars	1976-1978	72	3,960					Drums	Am. Cyanamid, 1993	
MBT tars	1976-1978			792,660				unspecified	Am. Cyanamid, 1993	
PNA sludge, aromatic polyurea sludge, Dibon waste sludge, polyacrylate polymer, polyurethane polymer)	1976-1978	381		171,450				Drums	Am. Cyanamid, 1993	
Subtotals for 1976-1978:		2,888	54,780	1,299,600	-	-	92	Drums	Am. Cyanamid, 1993	

Table 1a  
American Cyanamid, Bound Brook NJ  
Historical Waste Inventory: 1969-1977

Waste Type Generated	Period (Date)	# of 55-gal Drums	Gallons	Pounds	Tons	Cubic Yds	# of Tank Wagons	Container/transport type	Reference or Bates #	Comments
<b>Summary Bound Brook Wastes hauled by Jonas (Jonas records):</b>										
still bottoms - 30 cyds/week estimated	1972									
wash solvents - 2,000 gals/week estimated	1972		2,000			30			Jonas 20, 6/22/1995	Weekly estimate
<b>Extrapolated estimated Subtotals for 1972 (x 52 wks/yr):</b>										
bulk liquids/semi-liquids	1974		104,000			1,560				
hazardous waste liquids	1974		89,682						Jonas, 1974	
	1974		1,004,000						Jonas, 1974	
			1,093,682							
<b>Subtotal for 1974:</b>										
bulk liquids/semi-liquids	1975		134,500							
hazardous waste liquids	1975		875,793						Jonas, 1975	
chemical waste liquids	1975		265,000						Jonas, 1975	
			1,275,293							
<b>Subtotal for 1975:</b>										
Tar	1976		310,000						Jonas ledger -	
Water	1976		5,000						00000033 -34	
Wash Solu.	1976		8,000						" "	
Caustic water	1976		1,695,000						" "	
Ammonia	1976		615,000						" "	
Solvents	1976		803,400						" "	
Still bottoms	1976		50,000						" "	
Solids	1976		4,550						" "	
Waste oil	1976		10,000						" "	
			3,500,950							
<b>Subtotal for 1976:</b>										
Water	1977		3,167,750						Jonas ledger,	
Tar	1977		305,000						00000043	
Solvent	1977		712,000						" "	
Ammonia	1977		200,000						" "	
Solids	1977		148,870						" "	
Still bottoms	1977		130,000						" "	
"Paint" (?)	1977		13,200						" "	
			4,676,820							
<b>Subtotal for 1977:</b>										
<b>Total Actuals from Jonas (excludes 1972):</b>			10,546,745							

Notes/Assumptions:

Period of Interest begins October 1969, when M. DeRosal purchases BHF.

Period of Interest ends in mid-June 1977.

\* for Jonas-disposed wastes 1976-1978, when more specific dates are listed, the majority of the shipments appear to have taken place in 1977. However, for much of the waste volumes addressed,

no specific shipment dates are provided (Am. Cyanamid, 1993, attachment).

For any one waste stream, only one volume is included in a total (i.e. where a number of drums is given, but either lbs/drum conversion factor or waste is known to be a liquid and drum volume is known, the waste volume is converted to either lbs or gallons, and the # of drums is not included in the total # of drums).

**Table 1b**  
**American Cyanamid, Bound Brook NJ**  
**Totaled/Extrapolated Waste Volumes Generated**

Waste Type Generated	Period (Date)	#of 55-gal Drums	Gallons	Pounds	Tons	Cubic Yds	Tank Trucks
<i>From Summary of Waste Shipments via Jonas, 1976 - 1978 (American Cyanamid, 1993)*:</i>							
Flammable Solids (450 lbs/drum) (includes press cake wet with isopropanol/toluene, Hyflo-Carbon salt, Hetrayan Carbon, Amoxapine crude Rx Magnesol Carbon, Loxapine Magnesol carbon [with acetone], Sorb Hyflo Carbon [with monochlorobenzene])	1976-1978			513,900			
Sodium Dichromate sludge	1976-1978		5,775	-			
Waste still bottoms (Bldg 872)	1976-1977	-	-	37,380			6
Waste still bottoms (Bldg 872)	1976-1977						
Distillation still pots	1976-1978	-		118,860			
Miscellaneous (includes zinc cake, solid organic waste, scrap chemicals [paint])	1977	49					
Waste NOX (poisonous liquid)	1976-1978		2,145	-			
Waste NOX (poisonous liquid)	1976-1978			78,750			
Waste NOX (poisonous liquid)	1976-1978						1
Flammable liquids (includes isopropanol, waste solvents)	1976-1978			1,171,660			
Flammable liquids (includes isopropanol, waste solvents)	1976-1978						24
Flammable liquids (includes isopropanol, waste solvents)	1976-1978		42,900				
Aqueous ammonia from DPA (diphenylamine process)	1976-1978			721,780			
Aqueous ammonia from DPA	1976-1977						36
MBT tars	1976-1978						25
MBT tars	1976-1978		3,960				
MBT tars	1976-1978			792,660			
Poisonous solid (@450/lbs/drum) (incl. methordexate solid wastes)	1976-1978			171,450			
Non-regulated solids & sludges (@450 lbs/drum) (includes organic pigments, methyl PNA sludge, aromatic polyurea sludge, Dibon waste sludge, polyacrylate polymer, polyurethane polymer)	1976-1978			1,299,600			
Subtotals for 1976-1978 (represents 2.33 years):		49	54,780	4,906,040	-		92
Extrapolated American Cyanamid records' 8-year total (multiply subtotal by 3.43)		168	187,895	16,827,717	-		316
<b>Liquid wastes for off-site disposal, based on Jonas' records:</b>							
bulk liquids/semi-liquids, Actual (per Jonas)	1974		89,682				
hazardous/chemical liquids, Actual (per Jonas)	1974		1,004,000				
bulk liquids/semi-liquids, Actual (per Jonas)	1975		134,500				
hazardous/chemical liquids, Actual (per Jonas)	1975		1,140,793				
bulk liquids/semi-liquids, Actual (per Jonas)	1976		374,550				
hazardous/chemical liquids, Actual (per Jonas)	1976		3,126,400				
bulk liquids/semi-liquids, Actual (per Jonas)	1977		597,070				
hazardous/chemical liquids, Actual (per Jonas)	1977		4,079,750				
<b>Total Actual (based on Jonas records), four years</b>			<b>10,546,745</b>				
<b>Extrapolated Jonas 8-year Total (assumes waste generation for each of 1970, 1971, 1972 and 1973 was equivalent to the 1974 volumes):</b>			<b>14,921,473</b>				

**Notes/Assumptions:**

Period of interest begins October 1969, when M. DeRewal purchases BHF.

Period of interest ends in mid-late 1977.

\* for Jonas-disposed wastes 1976-1978, when more specific dates are listed, the majority of the shipments appear to have taken place in 1977. However, for much of the waste volumes addressed, no specific shipment dates are provided (Am. Cyanamid, 1993, attachment).

Totals do not include tank wagons, as specific tank wagon volumes are unknown.

**Table 2b**  
**National Rolling Mills, Malvern PA**  
**Totaled/Extrapolated Waste Volumes Generated**

Waste Type Generated	Period (Date)	#of 55-gal Drums	Gallons	Pounds
Known Waste acid approx. 3 months in 1975			81,100	
Average waste acid production, in gallons/month:	1975		27,033	
Extrapolated annual waste acid volume (monthly avg x 12):	1975		324,400	
Waste Acid (total from Jonas ledger)	1976		580,000	
Average annual waste acid volume [(1975 + 1976)/2]			452,200	
<b>Extrapolated Total for National Rolling Mills timeframe: 1970 through April 1974 (4 years, 4 months)**</b>			<b>1,959,533</b>	

\*\* Bundy period volume derived by multiplying 452,200 gal/year average by 4 + 4/12 years.

Table 2a  
National Rolling Mills, Matvern PA Facility  
Historical Waste Inventory: 1969-1977

Waste Type Generated	Period (Date)	# of 55-gal Drums	Gallons	Pounds	Tons	Cubic Yds	Container/transport type	Reference Bates #	Comments
1977 DeReval Invoice #1393:									
spent acid	3/25/1977		unspecified				truck loads	Exhibit Plotti-7	two truck loads indicated, volume unspecified.
1976 Records									
12 tw loads of wastes removed	2/17/1976		unspecified				TW	Exhibit Plotti-5	Jonas invoice No. 7422, notes shippers numbers 5192, 5194, 5195, 5197, 5198, 5199, 5200-5205
1976 Jonas ledger:									
Waste acid	1/20/1976		40,000				TW	Jonas ledger	
Waste acid	2/7/1976		60,000				TW	Jonas ledger	
Waste acid	3/1/1976		45,000				TW	Jonas ledger	
Waste acid	4/1/1976		45,000				TW	Jonas ledger	
Waste acid	4/8/1976		30,000				TW	Jonas ledger	
Waste acid	5/17/1976		65,000				TW	Jonas ledger	
Waste acid	6/7/1976		90,000				TW	Jonas ledger	
Waste acid	6/28/1976		65,000				TW	Jonas ledger	
Waste acid	7/19/1976		35,000				TW	Jonas ledger	
Waste acid	8/9/1976		20,000				TW	Jonas ledger	
Waste acid	8/23/1976		40,000				TW	Jonas ledger	
Waste acid	8/31/1976		25,000				TW	Jonas ledger	
Waste acid	9/20/1976		5,000				TW	Jonas ledger	
Waste acid	10/11/1976		15,000				TW	Jonas ledger	
	1976 Total:		580,000						
1975 Jonas Invoices and NRM documents:									
spent acid	5/20/1975		4,500	47,170			unspecified	Exhibit P-50	NRM bill of lading #M5507?
Ferric chloride waste	1975		4,500				unspecified	Exhibit P-50	NRM bill of lading #M527?
"F.C.L."	7/11/1975		4,500	46,240			unspecified	Exhibit P-50	NRM bill of lading #M577?
waste removed	7/11/1975		unspecified				1 TW	Exhibit Winters 5	Jonas invoice No. 6656*, price is \$275 for the one load.
waste ferric chloride	7/9/1975		4,500	44,860			T/T	Exhibit P-50	NRM bill of lading #M5112
1 load ferrous chloride acid 3.35%, ferrous 31%	7/22/1975		4,500	49,400			unspecified	Exhibit P-50	NRM bill of lading # M5117
									Jonas invoice No. 6738*, unit price is \$290
3 loads "waste removed"	7/22-7/24/1975		unspecified				TW	Exhibit Plotti-1	NRM bill of lading #M 5119
waste acid, 31% ferric chloride, 3% acid	7/24/1975		4,500	49,440			unspecified	Exhibit P-50	NRM bill of lading #M512?
Waste acid	8/4/1975		4,500	47,820			unspecified	Exhibit P-50	NRM bill of lading #M512?
waste spent acid	8/5/1975		4,500	47,960			1 T/T	Exhibit P-50	NRM bill of lading #M512?
waste	8/14/1975		4,500	47,840			unspecified	Exhibit P-50	NRM bill of lading #M5503
spent acid (waste)	8/14/1975		4,500	47,720			1/T	Exhibit P-50	NRM bill of lading #M5507
waste acid	8/18/1975		4,500	48,280			unspecified	Exhibit P-50	NRM bill of lading No. M5507
spent acid	7/20/1975		4,500	48,620			unspecified	Exhibit P-50	NRM bill of lading #M5507
spent acid	8/21/1975		4,500	48,700			unspecified	Exhibit P-50	NRM bill of lading #M5509
7 loads waste removed									
spent acid	8/5-8/14/1975		unspecified				TW	Exhibit Quici-2	Jonas invoice No. 6826* (lists M5503, M5504, M5124, M5502, M5501, M5125, M5103), \$290/load
waste acid	8/28/1975		4,500	47,880			1 T/T	Exhibit P-50	NRM bill of lading #M5511
	8/29/1975		4,600	48,380			unspecified	Exhibit P-50	NRM bill of lading #M5512

Table 2a  
National Rolling Mills, Malvern PA Facility  
Historical Waste Inventory: 1969-1977

Waste Type Generated	Period (Date)	# of 55-gal Drums	Gallons	Pounds	Tons	Cubic Yds	Container/transport type	Reference Bates #	Comments
nine loads waste removed FeCL waste acid, 31 % ferric chloride, 3% acid waste acid, 31 % ferric chloride, 3% acid	8/21- 9/3/1975 1975 1975 1975		<i>unspecified</i> 4,500	46,160			TW loads unspecified unspecified unspecified	Exhibit Freda-6 Exhibit P-50 Exhibit P-50 Exhibit P-50	Jonas Invoice No. 6924*, unit price is \$290, dates listed are 8/21, 8/20, 8/18, 8/21, 8/20, 8/28, 8/29, 9/3, 9/11. NRM bill of lading #M5502 NRM bill of lading #M5118 NRM bill of lading #M5114
			4,500	48,600					
			4,500	46,120					
	1975 totals:		81,100	811,190					

Notes/Assumptions:

Period of interest begins October 1969, when M. DeRural purchases BHF.

Period of interest ends in mid-late 1977.

Italicized amounts: assumed based on weight

*Unspecified* volumes may = 4500 gallons per load Jonas tanker volume hauled, based on contemporaneous bills of lading.  
\* likely includes shipments already entered in this table.



Table 3  
Philco Ford  
Historical Waste Inventory: 1969-1977

Facility Location	Waste Type Generated	Period (Date)	# of 55-gal Drums	Gallons	Pounds	Tons	Cubic Yds	Container/transport type	Reference Bates #	Comments
Watson town	"waste finishing material"	2/12/1973	62					drums	FORD000128	PhilcoFord PO No. W24298
	"waste finishing material"	3/28/1973	120					drums	FORD000130	PhilcoFord PO No. W24441
	"waste material - plastics"	4/12 - 19/1973	185					drums	FORD000131	PhilcoFord Invoice 72343
	"waste material - plastics"	4/24/1973	62					drums	FORD000132	PhilcoFord Invoice 72405
	"waste finishing material"	5/1/1973	63					drums	FORD000133-4	PhilcoFord shipping order 15361, Invoice no. 72570
	"waste finishing material"	3/24/1972	63					drums	FORD000009	DeRwal Invoice No. 395
	"industrial waste solution"	7/10/1972	32					drums	FORD000010	DeRwal Invoice No. 448
	"waste finishing material"	8/17/1972	61					55-gallon drums	FORD000011	DeRwal Invoice No. 469
	"waste finishing material"	10/31/1973	60					drums	FORD000012	DeRwal Invoice no. 746
		Total:	708							

Notes/Assumptions:

No other historical waste generation/disposal information currently available for the Philco Ford facility.

Table 4a  
Standard Pressed Steel, Jenkintown, PA  
Historical Waste Inventory, 1969-1977

Facility Location	Waste Category	Waste Type Generated (Description)	Period (Date)	# of 55-gal Drums	Gallons (calculated)	Pounds	Tons	Cubic Yds	Container/transport type	Reference Dates #	Comments
Jenkintown, PA	ACETONE	acetone	6/6/1973	3	165				drums	SPST000215, SPST000033	SPS requisition No. 3779 SPS Amendment to Purchase Order 41115
		acetone	6/23/1973	1	55				"drums"	BAS035093	
			Category subtotals:	4	220						
	CHROMIC ACID	chromic acid and waste piling drums used chromic acid	6/2/1970	28	1,540				drums	SPST000052	SPS PO 11802
		chromic acid	6/2/1970	5	275				drums	SPST000059	SPS PO 11818
		used chromic acid	8/19/1970	35	1,925				drums	SPST000064-6	SPS requisition No. 0884, SPS PO 13891
		chromic acid sludge	9/10/1971	78	4,290				drums	SPST000073	SPS requisition No. 3272
		waste...chromic acid from piling	9/27/1971	78	4,290				drums	SPST000071	SPS PO No. 22220
		removal chromic acid	10/5/1971	27	1,485				55-gallon drums	SPST000074	SPS PO No. 22376
		chromic acid	3/22/1972	68	3,740				55-gallon drums	SPST000077	SPS PO No. 26037
		chromic acid	4/10/1972	10	550				unspecified	SPST000078	SPS PO 26375
		chrome	8/19/1972	25	1,375				drums	SPST000080-2	SPS requisition No. 8149, Jonas Waste Removal receipt 5185, SPS PO No. 28406
		scrap chromic acid	9/20/1972	29	1,585				drums	SPST000083-5	SPS requisition NO. 7985, SPS PO 35134, mat'l picked up 9/20, Jonas receipt 5491
	CYANIDE	"scrap chromic acid"	3/30/1973	11	605				drums	SPST000139	SPS requisition No. 3181
		chromic acid	6/6/1973	16	880				drums	SPST000215, SPST000033	SPS requisition No. 3779 SPS Amendment to Purchase Order 41115
		Chromic Acid	6/23/1973	14	770				"drums"	BAS035093	
		chromic acid waste	9/22/1973	38	2,090				drums	SPST000216, SPST000034	SPS requisition No. 5297
		chromic	6/24/1976	23	1,265				65-gallon drums	SPST000039	SPS requisition No. 6731
		chromic waste drums removed	7/5/1972	10	550				unspecified	SPST000079	Jonas waste removal receipt 4874
		chromic acid	6/7/7777	29	1,595				55-gallon drums	SPST000045	DeReval shipping order No. 1298
		chromic acid	undated	42	2,310				55-gallon drums	SPST000086	SPS requisition No. 1083
			Category subtotals:	566	31,130						
	CYANIDE	cyanide waste	4/10/1972	34	1,870				unspecified	SPST000078	SPS PO 26375
		cyanide	6/19/1972	18	980				drums	SPST000080-2	SPS requisition No. 8149, Jonas Waste Removal receipt 5185, SPS PO No. 28406
		scrap cyanide acid	9/20/1972	31	1,705				drums	SPST000083-5	SPS requisition NO. 7985, SPS PO 35134, mat'l picked up 9/20, Jonas receipt 5491
		"Scrap cyanide acid"	3/16/1973	-	1,090				unspecified	SPST000030	SPS requisition No. 7965
		Cyanide	3/30/1973	43	2,365				drums	SPST000139	SPS requisition No. 3181
		Cyanide	6/6/1973	21	1,155				drums	SPST000215, SPST000033	SPS requisition No. 3779 SPS Amendment to Purchase Order 41115
		Cyanide	6/23/1973	30	1,650				"drums"	BAS035093	
		Cyanide waste	6/23/1973	30	1,650				55-gallon drums	SPST000108	DeReval Invoice No. 654
		"cyanide waste removed"	7/31/1973	-	3,500				"tank pickup"	SPST000014	DeReval Invoice No. 676
		cyanide	6/24/1976	36	1,980				55-gallon drums	SPST000039	SPS requisition No. 5731
	DEGREASER	cyanide waste removed	7/5/1972	34	1,870				unspecified	SPST000079	Jonas waste removal receipt 4874
		Cyanide	6/7/7777	32	1,750				55-gallon drums	SPST000045	DeReval shipping order No. 1266
			Category subtotals:	309	21,465						
		degreaser fluid	5/25/1970	10	550				drums	SPST000060	SPS requisition 0525
		Degreasing waste drums not reclaimable	6/2/1970	58	3,080				drums	SPST000062	SPS PO 11802
		used degreaser fluid	6/2/1970	10	550				drums	SPST000059	SPS PO 11818
		waste degreasing material	8/19/1970	45	2,475				drums	SPST000064-6	SPS requisition No. 0884, SPS PO 13891
		degreaser	6/19/1972	3	165				drums	SPST000080-2	SPS requisition No. 8149, Jonas Waste Removal receipt 5185, SPS PO No. 28406
		scrap degreaser fluid	9/20/1972	8	440				drums	SPST000083-5	SPS requisition NO. 7985, SPS PO 35134, mat'l picked up 9/20, Jonas receipt 5491
		degreasing fluid	6/6/1973	18	990				drums	SPST000215, SPST000033	SPS requisition No. 3779 SPS Amendment to Purchase Order 41115
		Degreasing Fluid 18	6/23/1973	13	715				"drums"	BAS035093	
			Category subtotals:	163	8,965						

Table 4a  
Standard Pressed Steel, Jenkintown, PA  
Historical Waste Inventory: 1969-1977

Facility Location	Waste Category	Waste Type Generated (Description)	Period (Date)	# of 55-gal Drums	Gallons (calculated)	Pounds	Tons	Cubic Yds	Container/transport type	Reference Bates #	Comments		
MIXED WASTE		waste sludge, acid, alcohol and etc.	2/23/1971	92	5,080				55-gallon drums	SPST00068	SPS requisition No. 0881		
		waste 55-gal drums of chromic acid from plating, sludge drum removal	9/21/1971	27	1,485				55-gallon drums	SPST00075-6	Jonas waste removal receipt 4433, SPS requisition No. 1035		
		waste chromic acid and waste cyanide	11/2/1973	55	3,025				drums	SPST00035	SPS requisition No. 5357		
		chromic acid, waste cyanide	2/8/1974	7	?				?	SPST00036	SPS requisition No. 8954		
		waste chromic acid and waste cyanide	5/16/1974	7	?				55-gallon drums	SPST00037	SPS requisition, unnumbered		
		waste chromic acid and waste cyanide	6/24/1974	7	?				?	SPST00040	SPS requisition No. 0782		
		"removal waste cyanide & chromic acid"	1/16/1976	65	3,575				55-gallon drums	SPST00015	SPS PO No. 67277		
		"waste acid chromic & cyanide", "waste removed"	2/17/1976	37	2,035				55-gallon drums	SPST00017-8	DeReval Invoice No. 1127, SPS PO No. 68361		
		"Chromic Acid & cyanide to be removed"	5/27/1976	50	2,750				drums	SPST00019	SPS PO No. 70469		
		waste cyanide & chromic acid	8/4/1976	59	3,245				unspecified	SPST00047	SPS requisition		
		"remove chromic acid & cyanide"	8/5/1976	52	2,860				55-gallon drums	SPST00021-2	SPS PO No. 72207, DeReval Invoice No. 1208		
		"remove chromic acid & cyanide"	11/15/1976	65	3,575				drums	SPST00023	SPS PO No. 74475		
		"waste chromic acid & cyanide"	2/24/1977	50	2,750				55-gallon drums	SPST00025	SPS PO No. 77135		
		"barrels of chromic acid & cyanide"	7/7/1974	28	1,540				drums	SPST00043	DeReval shipping order No. 1208		
		"barrels of cyanide & chromic"	7/7/1974	63	3,465				drums	SPST00044	DeReval shipping order No. 1223		
		waste chromic acid and waste cyanide	undated	?	?				unspecified	SPST00038	SPS requisition No. 0785		
		Category subtotal:		643	35,365								
		NICKEL											
				Nickel	6/6/1973	2	110				drums	SPST00215, SPST00033	SPS requisition No. 3779
			Nickel	6/23/1973	2	110				"drums"	BAS1035093	SPS Amendment to Purchase Order 41115	
Category subtotal:				4	220								
OTHER													
		"drums ind waste"	6/7/7722	62	3,410				55-gallon drums	SPST00045	DeReval shipping order No. 1266		
		"Industrial waste"	6/25/1973	30	1,650				55-gallon drums	BAS103108	DeReval Invoice No. 554		
		"waste etc."	10/24/1974	67	3,685				55-gallon drums	SPST00041	DeReval shipping order no. 1159		
		"waste removed"	1/30/1976	66	3,630				55-gallon drums	SPST00016	DeReval Invoice No. 1115		
		"waste removed"	6/24/1976	58	3,245				55-gallon drums	SPST00020	DeReval Invoice No. 1179		
		"waste removed"	8/5/1976	52	2,860				55-gallon drums	SPST00210	DeReval Invoice No. 1208		
		"waste removed"	12/2/1976	65	3,575				55-gallon drums	SPST00024	DeReval Invoice No. 1304		
		acid waste	9/22/1973	24	1,320				drums	SPST00215, SPST00034	SPS requisition No. 5297		
		bright dip	6/19/1972	1	55				drums	SPST00080-2	SPS requisition No. 8149, Jonas Waste Removal receipt 5165, SPS PO No. 28406		
		ceyl alcohol	6/19/1972	2	110				drums	SPST00080-2	SPS requisition No. 8149, Jonas Waste Removal receipt 5185, SPS PO No. 28406		
		full drums of sludge removed from plating room	12/22/1969	20	1,100				drums	SPST00053	SPS PO No. 89880		
		full drums removed from plating	undated	20	1,100				drums	SPST00054	Marvin Jonas Inc. receipt, PO89880		
		full drums removed from plating	2/7/1970	22	1,210				drums	SPST00055	SPS PO No. 91486		
		plating waste	3/25/1970	20	1,100				55-gallon drums	SPST00056-7	SPS requisition No. 7719, SPS PO No. 933421		
		unspecified waste	undated	25	1,375				55-gallon drums	SPST00088	SPS requisition no. 1063		
		waste	10/28/1974	66	3,630				55-gallon drums	SPST00042	DeReval shipping order no. 1160		
		waste removed	7/10/1975	68	3,630				55-gallon drums	SPST00046	DeReval No. 355		
Category subtotal:				667	36,685								
Total # of Drums/Total Gallons All Documented Wastes Generated by SPS facility and disposed with either Jonas or DeReval 1969-1977:													
				2,356	134,080								

## Notes/Assumptions:

Period of interest begins October 1969, when M. DeReval purchases BHF.

Period of interest ends in mid-June 1977.

Sales/purchases of empty 55-gal drums not included here.

Totals represent minimum volumes generated, as document record is likely incomplete and SPS provided documentation of waste disposal with only Marvin Jonas/Jonas Waste Removal and DeReval (SPST00165).

**Table 4b**  
**Standard Pressed Steel, Jenkintown, PA**  
**Totaled/Extrapolated Waste Volumes Generated**

Facility Location	Waste Type Generated	Period (Date)	#of 55-gal Drums	Gallons	Pounds
<b>Jenkintown, PA</b>	<b>Acetone</b>	1973 monthly avg.	4	220	
		Average/year	48	2,640	
		<b>Extrapolated Total for 8 years:</b>	<b>384</b>	<b>21,120</b>	
	<b>Chromic acid</b>	1970 monthly avg.	34	1,870	
		1971 monthly avg.	92	5,033	
		1972 monthly avg.	33	1,815	
		1973 monthly avg.	26	1,448	
		Average/month	46	2,541	
		Average/year	555	30,498	
		<b>Extrapolated Total for 8 years:</b>	<b>4,436</b>	<b>243,980</b>	
	<b>Cyanide waste</b>	1972 monthly avg.	28	1,522	
		1973 monthly avg.	62	3,773	
		1976 monthly avg.	36	1,980	
		Average/month	31	1,819	
		Average/year	377	21,825	
		<b>Extrapolated Total for 8 years:</b>	<b>3,016</b>	<b>174,600</b>	
	<b>Degreaser</b>	1970 monthly avg.	40	2,218	
		1972 monthly avg.	6	303	
		1973 monthly avg.	31	1,705	
		Average/month	26	1,409	
		Average/year	307	16,903	
		<b>Extrapolated Total for 8 years:</b>	<b>2,459</b>	<b>135,227</b>	
	<b>Mixed Wastes</b>	1971 monthly avg.	60	3,273	
		1973 monthly avg.	55	3,025	
		1974 monthly avg.	46	2,503	
		1976 monthly avg.	66	3,608	
		1977 monthly avg.	50	2,750	
		Average/month	55	3,032	
		Average/year	661	36,379	
		<b>Extrapolated Total for 8 years:</b>	<b>5,292</b>	<b>291,034</b>	
	<b>Nickel</b>	1973 monthly avg.	4	220	
		Average/year	48	2,640	
		<b>Extrapolated Total for 8 years:</b>	<b>384</b>	<b>21,120</b>	
	<b>Other Wastes</b>	Dec. 1969	20	1,100	
		1970 monthly avg.	21	1,155	
		1972 monthly avg.	3	165	
		1973 monthly avg.	27	1,485	
		1974 monthly avg.	133	7,315	
		1975 monthly avg.	66	3,630	
		1976 monthly avg.	61	3,328	
		Average/month	66	3,636	
		Average/year	793	43,626	
		<b>Extrapolated Total for 8 years:</b>	<b>6,346</b>	<b>349,008</b>	
	<b>Extrapolated Total All Waste Streams, 8 years:</b>			<b>1,236,088</b>	

All monthly averages based on documents provided in SPS's 104(e) responses.

Extrapolated totals for each waste type are based on a calculated monthly average volume generated multiplied by 12 months/year, multiplied by 8 years (the rounded timeframe of interest - late 1969 through 1977). These totals may not represent the maximum amount of waste generated by SPS during the timeframe, as SPS provided documentation of waste disposal with only Marvin Jonas/Jonas Waste Removal and DeRewal. (SPST00185).

(note re Reading Works data: when these annual amounts are each divided by 12, the resulting average monthly amounts are comparable to those listed in the document titled "Waste Quantities Removed - Average per Month", AGER000090, making it possible that AGER000090 represents data for the Reading Works).

Location	Facility	Waste Type Generated	Period (Date)	# of 55-gal Drums	Gallons	Pounds
Reading, PA Works						
Total actual for 12-month period April 1973 - March 1974*						
Extrapolated for an 8-year period (e.g. 1970-1977, inclusive):	Misc. trash - compacted	Sludge	4/1973 - 3/1974	113	1,181,678	485,160
	Misc. trash - compacted	Scrap wood	4/1973 - 3/1974		45,090	45,440
	Misc. trash - uncompacted	Concentrated acid	4/1973 - 3/1974		158,400	136,301
	Misc. Solvents, Flam	Misc. Waste Materials/Chemicals	4/1973 - 3/1974	199	19,135	70,829
	Waste abrasive powder	Waste chlorinated solvents	4/1973 - 3/1974			
			4/1973 - 3/1974			
			4/1973 - 3/1974			
			4/1973 - 3/1974			
			4/1973 - 3/1974			
			4/1973 - 3/1974			
Totals:				312	313,836	1,828,197
Extrapolated for an 8-year period (e.g. 1970-1977, inclusive):						
		1970-1977			9,453,424	24,000
		1970-1977			3,881,280	9,453,424
		1970-1977			360,720	3,881,280
		1970-1977			363,520	360,720
		1970-1977			1,267,200	363,520
		1970-1977			1,090,408	1,267,200
		1970-1977			153,080	1,090,408
Reading facility Extrapolated 8-yr Totals:				2,510,688	14,625,576	566,532
North Carolina Works						
Average Monthly volume generated (based on February/March 1972 information)						
Copper Salts (lbs/month)					50,618	
Extrapolated Annual volume generated (monthly x 12):					607,410	
Copper Salts (lbs/year)						4,859,280
Extrapolated for an 8-year period (e.g. 1970-1977, inclusive):						
Copper Salts (lbs)						
(no other data available for North Carolina facility waste generation)						
Allenstown PA Works						
Estimated annual volumes (gallons) reported (AGE/R000073-77):						
Flammable liquid waste consisting of acetone, alcohol, toluene, methanol, Stoddard solvent					80,000	
Non-flammable solvents					24,000	
Waste elchants					12,000	
Actual reported annual volumes (gallons) generated: (AGE/R000073-77):						
Flammable liquid waste consisting of acetone, alcohol, toluene, methanol, Stoddard solvent		1970			35,000	
Non-flammable solvents - trichloroethylene		1970			55,000	
Acids & Misc. chemicals consisting of nitric acid, nitric		1969			11,000	
mix, photo resist, etc.		1970			10,800	
Average calculated annual (based on actual reported amounts above)						
Flammable liquid waste consisting of acetone, alcohol, toluene, methanol, Stoddard solvent		per year			35,000	
Non-flammable solvents - trichloroethylene		per year			55,000	
Acids & Misc. chemicals consisting of nitric acid, nitric		per year			10,900	
mix, photo resist, etc.						
Extrapolated Minimum (based on Average Actuals reported) for an 8-year period (e.g. 1970-1977, inclusive):						
Flammable liquid waste consisting of acetone, alcohol, toluene, methanol, Stoddard solvent					280,000	
Non-flammable solvents - trichloroethylene					440,000	
Acids & Misc. chemicals consisting of nitric acid, nitric					87,200	
Extrapolated Maximum (based on Estimated Annuals for an 8-year period (e.g. 1970-1977, inclusive):						
Flammable liquid waste consisting of acetone, alcohol, toluene, methanol, Stoddard solvent					640,000	
Non-flammable solvents - trichloroethylene					192,000	
Acids & Misc. chemicals consisting of nitric acid, nitric					96,000	
mix, photo resist, etc.						
Allenstown facility Extrapolated 8-Year Maximum Total: 928,000 gallons						

Table 5b  
Western Electric  
Totalled/Extrapolated Waste Volumes Generated

Table 5a  
Western Electric  
Historical Waste Inventory: 1969-1977

Facility Location	Waste Type Generated	Period (Date)	# of 55-gal Drums	Gallons	Pounds	Tons	Cubic Yds	Container/transport type	Reference Bates #	Comments
The following all from monthly waste disposal reports dated April 10, 1973 through April 11, 1974 from Western Electric Reading Works, = *waste materials removed from our Works...by contractors*:										
Reading	Misc. trash - compacted	March 1974			66,410		630	"Dinopacker #1"	AGER000091	21 loads, 30 cyds/load
	Misc. trash - compacted	March 1974			24,260		297	"Dinopacker #2"	AGER000091	9 loads, 33 cyds/load
	Sludge Bldg. No. 40	March 1974			31,640		57	Dinosaar	AGER000091	19 cyds/load
	Sludge Bldg. No. 40	March 1974			5,980		6	Dumpmaster	AGER000091	6 cyds/load
	Scrap wood	March 1974			5,440		50	Dinosaar	AGER000091	25 cyds/load
	Misc. trash - uncompacted	March 1974			500		2	Bldg #4 Dumpmaster	AGER000091	2 cyds/load
	Concentrated acid	March 1974		9200				Tank Truck	AGER000091	4800 gals/load
	Waste Solvents, Flam	March 1974		11082				Tank Truck	AGER000091	6000 gals/load
	Misc. Waste Chemicals	March 1974	15		900		8	5 - 55-gal drums/Pick-up Truck	AGER000091	5 - 55gal drums/load, 14 drums (4 loads)
	Misc. trash - uncompacted	March 1974			10,710			Bldg #40 Dumpmaster	AGER000091	8 cyds/load
Reading	Waste abrasive powder	March 1974	14					55-gal drums/Stake Body Truck	AGER000091	55 gal drums
	Waste chlorinated solvents	March 1974		3800				Tank Truck	AGER000091	4,000gals/load
	Misc. trash - compacted	February 1974			43,080		600	"Dinopacker #1"	AGER000092	20 loads, 30 cyds/load
	Misc. trash - compacted	February 1974			15,480		264	"Dinopacker #2"	AGER000092	8 loads, 33 cyds/load
	Sludge	February 1974			2,390		6	Dumpmaster	AGER000092	6 cyds/load
	Scrap wood	February 1974						Dinosaar	AGER000092	25 cyds/load
	Misc. trash - uncompacted	February 1974			500		4	Bldg #4 Dumpmaster	AGER000092	2 cyds/load
	Concentrated acid	February 1974		13,800				Tank Truck	AGER000092	4800 gals/load
	Waste Solvents, Flam	February 1974		10,172				Tank Truck	AGER000092	6000 gals/load
	Misc. Waste Chemicals	February 1974	20					5 - 55-gal drums/Pick-up Truck	AGER000092	5 - 55gal drums/load, 20 drums (4 loads)
Reading	Misc. trash - uncompacted	February 1974			1,950		16	Bldg #40 Dumpmaster	AGER000092	8 cyds/load
	Waste abrasive powder	February 1974						55-gal drums/Stake Body Truck	AGER000092	55 gal drums
	Waste chlorinated solvents	February 1974						Tank Truck	AGER000092	4,000gals/load
	Misc. trash - compacted	January 1974			95,470		660	"Dinopacker #1"	AGER000093	22 loads @ 30 cyds/load
	Misc. trash - compacted	January 1974			30,770		231	"Dinopacker #2"	AGER000093	7 loads @ 33 cyds/load
	Sludge	January 1974			5,050		6	Dumpmaster	AGER000093	6 cyds/load
	Scrap wood	January 1974			1,360		25	Dinosaar	AGER000093	25 cyds/load
	Misc. trash - uncompacted	January 1974			1,500		6	Bldg #4 Dumpmaster	AGER000093	2 cyds/load
	Concentrated acid	January 1974		4800				Tank Truck	AGER000093	4600 gals/load
	Waste Solvents, Flam	January 1974		9800				Tank Truck	AGER000093	6000 gals/load
Reading	Misc. Waste Chemicals	January 1974	10				8	5 - 55-gal drums/Pick-up Truck	AGER000093	5 - 55gal drums/load.
	Misc. trash - uncompacted	January 1974			2,800			Bldg #40 Dumpmaster	AGER000093	8 cyds/load
	Waste abrasive powder	January 1974	23		18,509			55-gal drums/Stake Body Truck	AGER000093	55 gal drums
	Waste chlorinated solvents	January 1974		3,905				Tank Truck	AGER000093	4,000gals/load
	Misc. trash - compacted	December 1973			47,950		600	"Dinopacker #1"	AGER000094	20 loads @ 30 cyds/load
	Misc. trash - compacted	December 1973			21,440		231	"Dinopacker #2"	AGER000094	7 loads @ 33 cyds/load
	Sludge	December 1973			104,000		54	Dumpmaster	AGER000094	6 cyds/load
	Scrap wood	December 1973			1,570		25	Dinosaar	AGER000094	25 cyds/load
	Misc. trash - uncompacted	December 1973			2,000		8	Bldg #4 Dumpmaster	AGER000094	2 cyds/load
	Concentrated acid	December 1973		13,800				Tank Truck	AGER000094	4600 gals/load
Reading	Waste Solvents, Flam	December 1973		4000				Tank Truck	AGER000094	6000 gals/load
	Misc. Waste Chemicals	December 1973	10				16	5 - 55-gal drums/Pick-up Truck	AGER000094	5 - 55gal drums/load.
	Misc. trash - uncompacted	December 1973			3170			Bldg #40 Dumpmaster	AGER000094	8 cyds/load
	Waste abrasive powder	December 1973	24					55-gal drums/Stake Body Truck	AGER000094	55 gal drums
	Waste chlorinated solvents	December 1973						Tank Truck	AGER000094	4,000gals/load
	Misc. trash - compacted	November 1973			52,750		630	"Dinopacker #1"	AGER000095	21 loads @ 30 cyds/load
	Misc. trash - compacted	November 1973			25,060		297	"Dinopacker #2"	AGER000095	9 loads @ 33 cyds/load
	Sludge	November 1973			92,920		72	Dumpmaster	AGER000095	6 cyds/load
	Scrap wood	November 1973			2,550		2	Dinosaar	AGER000095	25 cyds/load
	Misc. trash - uncompacted	November 1973			250			Bldg #4 Dumpmaster	AGER000095	2 cyds/load
Reading	Concentrated acid	November 1973		13800				Tank Truck	AGER000095	4800 gals/load
	Waste Solvents, Flam	November 1973		13766				Tank Truck	AGER000095	6000 gals/load
Reading	Misc. Waste Chemicals	November 1973	15					5 - 55-gal drums/Pick-up Truck	AGER000095	5 - 55gal drums/load.
		November 1973								



Table 5.  
Western Electric  
Historical Waste Inventory, 1969-1977

Facility Location	Waste Type Generated	Period (Date)	# of 55-gal Drums	Gallons	Pounds	Tons	Cubic Yds	Container/transport type	Reference Bates #	Comments
Reading	Misc. trash - uncompacted	November 1973	-	-	3,060	-	16	Bldg #40 Dumpmaster	AGER0000095	18 cyds/load
	Waste abrasive powder	November 1973	-	-	-	-	-	55-gal drums/Stake Body Truck	AGER0000095	55 gal drums
	Waste chlorinated solvents	November 1973	-	-	-	-	-	Tank Truck	AGER0000095	4,000 gals/load
	Misc. trash - compacted	October 1973	-	-	67,640	-	690	"Dinopacker #1"	AGER0000096	23 loads @ 30 cyds/load
	Misc. trash - compacted	October 1973	-	-	32,270	-	297	"Dinopacker #2"	AGER0000096	9 loads @ 33 cyds/load
	Sludge	October 1973	-	-	108,970	-	78	Dumpmaster	AGER0000096	16 cyds/load
	Scrap wood	October 1973	-	-	6,090	-	50	Dinosaur	AGER0000096	25 cyds/load
	Misc. trash - uncompacted	October 1973	-	-	500	-	2	Bldg #4 Dumpmaster	AGER0000096	2 cyds/load
	Concentrated acid	October 1973	-	-	-	-	-	Tank Truck	AGER0000096	4600 gals/load
	Waste Solvents, Flam	October 1973	-	-	-	-	-	Tank Truck	AGER0000096	16000 gals/load
Reading	Misc. Waste Chemicals	October 1973	25	-	1,980	-	16	5 - 55-gal drums/Pick-up Truck	AGER0000096	5 - 55gal drums/load
	Misc. trash - uncompacted	October 1973	-	-	-	-	-	Bldg #40 Dumpmaster	AGER0000096	8 cyds/load
	Waste abrasive powder	October 1973	15	-	11,520	-	-	55-gal drums/Stake Body Truck	AGER0000096	55 gal drums
	Waste chlorinated solvents	October 1973	-	-	-	-	-	Tank Truck	AGER0000096	4,000 gals/load
	Misc. trash - compacted	September 1973	-	-	76,390	-	600	"Dinopacker #1"	AGER0000097	20 loads @ 30 cyds/load
	Misc. trash - compacted	September 1973	-	-	21,990	-	231	"Dinopacker #2"	AGER0000097	7 loads @ 33 cyds/load
	Sludge	September 1973	-	-	56,780	-	48	Dumpmaster	AGER0000097	6 cyds/load
	Scrap wood	September 1973	-	-	3,830	-	25	Dinosaur	AGER0000097	25 cyds/load
	Misc. trash - uncompacted	September 1973	-	-	500	-	2	Bldg #4 Dumpmaster	AGER0000097	2 cyds/load
	Concentrated acid	September 1973	-	-	-	-	-	Tank Truck	AGER0000097	4600 gals/load
Reading	Waste Solvents, Flam	September 1973	-	-	-	-	-	Tank Truck	AGER0000097	6000 gals/load
	Misc. Waste Chemicals	September 1973	15	-	5,670	-	24	5 - 55-gal drums/Pick-up Truck	AGER0000097	5 - 55gal drums/load
	Misc. trash - uncompacted	September 1973	-	-	-	-	-	Bldg #40 Dumpmaster	AGER0000097	8 cyds/load
	Waste abrasive powder	September 1973	-	-	-	-	-	55-gal drums/Stake Body Truck	AGER0000097	55 gal drums
	Waste chlorinated solvents	September 1973	-	-	-	-	-	Tank Truck	AGER0000097	4,000 gals/load
	Misc. trash - compacted	August 1973	-	-	88,490	-	690	"Dinopacker #1"	AGER0000098	23 loads @ 30 cyds/load
	Misc. trash - compacted	August 1973	-	-	34,020	-	297	"Dinopacker #2"	AGER0000098	9 loads @ 33 cyds/load
	Sludge	August 1973	-	-	43,310	-	36	Dumpmaster	AGER0000098	6 cyds/load
	Scrap wood	August 1973	-	-	11,520	-	100	Dinosaur	AGER0000098	25 cyds/load
	Misc. trash - uncompacted	August 1973	-	-	1,000	-	4	Bldg #4 Dumpmaster	AGER0000098	2 cyds/load
Reading	Concentrated acid	August 1973	-	-	-	-	-	Tank Truck	AGER0000098	4600 gals/load
	Waste Solvents, Flam	August 1973	-	-	-	-	-	Tank Truck	AGER0000098	6000 gals/load
	Misc. Waste Chemicals	August 1973	25	-	5,410	-	24	5 - 55-gal drums/Pick-up Truck	AGER0000098	5 - 55gal drums/load
	Misc. trash - uncompacted	August 1973	-	-	-	-	-	Bldg #40 Dumpmaster	AGER0000098	8 cyds/load
	Waste abrasive powder	August 1973	12	-	8,830	-	-	55-gal drums/Stake Body Truck	AGER0000098	55 gal drums
	Waste chlorinated solvents	August 1973	-	-	-	-	-	Tank Truck	AGER0000098	4,000 gals/load
	Misc. trash - compacted	July 1973	-	-	65,060	-	510	"Dinopacker #1"	AGER0000099	17 loads @ 30 cyds/load
	Misc. trash - compacted	July 1973	-	-	22,560	-	198	"Dinopacker #2"	AGER0000099	6 loads @ 33 cyds/load
	Sludge	July 1973	-	-	22,900	-	18	Dumpmaster	AGER0000099	6 cyds/load
	Scrap wood	July 1973	-	-	-	-	-	Dinosaur	AGER0000099	30 cyds/load
Reading	Misc. trash - uncompacted	July 1973	-	-	-	-	-	Bldg #4 Dumpmaster	AGER0000099	2 cyds/load
	Concentrated acid	July 1973	-	-	-	-	-	Tank Truck	AGER0000099	4600 gals/load
	Waste Solvents, Flam	July 1973	-	-	-	-	-	Tank Truck	AGER0000099	6000 gals/load
	Misc. Waste Chemicals	July 1973	10	-	3,900	-	24	5 - 55-gal drums/Pick-up Truck	AGER0000099	5 - 55gal drums/load
	Misc. trash - uncompacted	July 1973	-	-	-	-	-	Bldg #40 Dumpmaster	AGER0000099	8 cyds/load
	Waste abrasive powder	July 1973	-	-	-	-	-	55-gal drums/Stake Body Truck	AGER0000099	55 gal drums
	Waste chlorinated solvents	July 1973	-	-	-	-	-	Tank Truck	AGER0000099	4,000 gals/load
	Misc. trash - compacted	June 1973	-	-	55,590	-	750	"Dinopacker #1"	AGER0000100	25 loads @ 30 cyds/load
	Misc. trash - compacted	June 1973	-	-	29,288	-	297	"Dinopacker #2"	AGER0000100	9 loads @ 33 cyds/load
	Sludge	June 1973	-	-	6,420	-	12	Dumpmaster	AGER0000100	6 cyds/load
Reading	Scrap wood	June 1973	-	-	5,320	-	2	Dinosaur	AGER0000100	30 cyds/load
	Misc. trash - uncompacted	June 1973	-	-	500	-	-	Bldg #4 Dumpmaster	AGER0000100	2 cyds/load
	Concentrated acid	June 1973	-	-	-	-	-	Tank Truck	AGER0000100	4600 gals/load
	Waste Solvents, Flam	June 1973	-	-	-	-	-	Tank Truck	AGER0000100	6000 gals/load
	Misc. Waste Materials	June 1973	19	-	2,030	-	16	5 - 55-gal drums/Pick-up Truck	AGER0000100	5 - 50 gal drums/load
	Misc. trash - uncompacted	June 1973	-	-	-	-	-	Bldg #40 Dumpmaster	AGER0000100	8 cyds/load
	Waste abrasive powder	June 1973	-	-	-	-	-	55-gal drums/Stake Body Truck	AGER0000100	55 gal drums
	Waste chlorinated solvents	June 1973	-	-	-	-	-	Tank Truck	AGER0000100	4,000 gals/load
	Misc. trash - compacted	June 1973	-	-	-	-	-	"Dinopacker #1"	AGER0000100	25 loads @ 30 cyds/load
	Misc. trash - compacted	June 1973	-	-	-	-	-	"Dinopacker #2"	AGER0000100	9 loads @ 33 cyds/load

Table 5a  
Western Electric  
Historical Waste Inventory, 1969-1977

Facility Location	Waste Type Generated	Period (Date)	# of 55-gal Drums	Gallons	Pounds	Tons	Cubic Yds	Container/transport type	Reference Bates #	Comments
Reading	Waste chlorinated solvents	June 1973	-	-	-	-	-	Tank Truck	AGER0000100	4,000 gals/load
	Misc. trash - compacted	May 1973	-	-	94,280	-	780	"Dinopacker #1"	AGER0000101	26 loads @ 30 cyds/load
	Misc. trash - compacted	May 1973	-	-	45,340	-	297	"Dinopacker #2"	AGER0000101	9 loads @ 33 cyds/load
	Sludge	May 1973	-	-	4,800	-	6	Dumpmaster	AGER0000101	6 cyds/load
	Scrap wood	May 1973	-	-	7,410	-	0	Dinosaur	AGER0000101	30 cyds/load
	Misc. trash - uncompacted	May 1973	-	-	500	-	2	Bldg #4 Dumpmaster	AGER0000101	2 cyds/load
	Concentrated acid	May 1973	-	9200	-	-	-	Tank Truck	AGER0000101	4600 gals/load
	Waste Solvents, Flam	May 1973	-	13300	-	-	-	Tank Truck	AGER0000101	6000 gals/load
	Misc. Waste Materials	May 1973	15	-	2,540	-	16	5 - 55-gal drums/Pick-up Truck	AGER0000101	5 - 55gal drums/load.
	Misc. trash - uncompacted	May 1973	-	-	8,740	-	-	Bldg #40 Dumpmaster	AGER0000101	8 cyds/load
	Waste abrasive powder	May 1973	10	-	-	-	-	55-gal drums/Stake Body Truck	AGER0000101	55 gal drums
	Misc. trash - compacted	April 1973	-	-	88,020	-	720	"Dinopacker #1"	AGER0000102	24 loads @ 30 cyds/load
	Misc. trash - compacted	April 1973	-	-	38,060	-	264	"Dinopacker #2"	AGER0000102	8 loads @ 33 cyds/load
	Misc. trash - uncompacted	April 1973	-	-	3,510	-	8	Dumpmaster	AGER0000102	2 & 6 cyds/load
Reading	Scrap wood	April 1973	-	-	500	-	0	Dinosaur	AGER0000102	30 cyds/load
	Misc. trash - uncompacted	April 1973	-	-	-	-	2	Bldg #4 Dumpmaster	AGER0000102	2 cyds/load
	Concentrated acid	April 1973	-	18400	-	-	-	Tank Truck	AGER0000102	4600 gals/load
	Waste Solvents, Flam	April 1973	-	18000	-	-	-	Tank Truck	AGER0000102	6000 gals/load
	Misc. Waste Materials	April 1973	20	-	-	-	-	5 - 55-gal drums/Pick-up Truck	AGER0000102	5 - 55gal drums/load.
	Misc. trash - uncompacted	April 1973	-	-	470	-	8	Bldg #40 Dumpmaster	AGER0000102	8 cyds/load
	Waste abrasive powder	April 1973	15	-	12,520	-	-	55-gal drums/Stake Body Truck	AGER0000102	15- 55 gal drums
	Misc. trash - compacted	March 1973	-	-	97,570	-	810	"Dinopacker #1"	AGER0000103	27 loads @ 30 cyds/load
	Misc. trash - compacted	March 1973	-	-	44,620	-	297	"Dinopacker #2"	AGER0000103	9 loads @ 33 cyds/load
	Scrap wood	March 1973	-	-	6,500	-	26	Dumpmaster	AGER0000103	2 cyds/load
	Misc. trash - uncompacted	March 1973	-	-	4,210	-	60	Dinosaur	AGER0000103	30 cyds/load
	Concentrated acid	March 1973	-	-	-	-	-	Bldg #4 Dumpmaster	AGER0000103	2 cyds/load
	Waste Solvents, Flam	March 1973	-	13800	-	-	-	Tank Truck	AGER0000103	4600 gals/load
	Misc. Waste Materials	March 1973	25	24000	-	-	-	5 - 55-gal drums/Pick-up Truck	AGER0000103	6000 gals/load
North Carolina	Concentrated acids (70% nitric, 30% mixture of hydrochloric, hydrofluoric, sulfuric, acetic acids)	as of Feb. 1971	-	13,450 gal/mo	100 lbs/mo	-	-	-	AGER000071	5 - 55gal drums/load.
	Solvents (acetone and halogenated hydrocarbons)	as of Feb. 1971	-	20,920 gals/mo	2,250 lbs/mo	-	-	-	AGER000071	
	Spent copper cyanide plating liquor	as of Feb. 1971	-	50 gals/mo	-	-	-	-	AGER000071	
	Miscellaneous hazardous chemicals (photo resists; stripping agents, laboratory reagents)	as of Feb. 1971	-	-	-	-	-	-	AGER000071	
	Silicon sifting and tapping sludge	as of Feb. 1971	-	-	-	-	-	-	AGER000072	
	Western Electric Company, Lexington Road, Winston-Salem, NC	Info sources: Western Electric's shipping tickets and paired DeRural Chemical Company Invoices to Sylvan Chemical Company (dates are date shipped, weights shown are the net pounds)								
	"Copper Salts"	2/8/1972	-	-	24,286	-	-	-	AGER000026-7	"Contract #WS-1135"
	"Copper Salts"	2/9/1972	-	-	21,738	-	-	-	AGER000028-9	"Contract #WS-1135"
	"Copper Salts"	3/3/1972	-	-	22,268	-	-	-	AGER000030-31	"Contract #WS-1135"
	"Copper Salts"	3/3/1972	-	-	32,945	-	-	-	AGER000032-33	"Contract #WS-1135"
	handwritten note indicating "Winston-Salem, N.C. to Frenchtown, NJ (Hunterdon County) truckload copper sulphate bulk in bags, 3/17/72"	-	-	-	unknown	-	-	-	AGER000035	
	Waste etchants [est. volume per year]	3/17/1972	-	12,000	-	-	-	unspecified	AGER000077	
	1971 or earlier?	-	-	-	-	-	-	-	-	
Allentown										



Table 5a  
Western Electric  
Historical Waste Inventory: 1969-1977

Facility Location	Waste Type Generated	Period (Date)	# of 55-gal Drums	Gallons	Pounds	Tons	Cubic Yds	Container/transport type	Reference Bates #	Comments
Allentown	Acids & Misc. chemicals consisting of nitric acid, nitric & hydrofluoric mix, photo resist, etc.	1969		11,000				unspecified	AGER0000077	
	Acids & Misc. chemicals consisting of nitric acid, nitric & hydrofluoric mix, photo resist, etc.	1970		10,800				unspecified	AGER0000077	
	Waste etching acids	1968-69		13,260				unspecified	AGER0000086	
	Waste etching acids	1969-70		11,070				unspecified	AGER0000086	duplicates info from AGER0000077
	Waste etching acids	"1970 to date"		10,800				unspecified	AGER0000086	duplicates info from AGER0000077
Allentown	Copper nitrate, copper sulfate, mixed chemicals, chlorinated solvents (TCE), flammable solvents (acetone, alcohol, toluene, methanol), industrial waste treatment plant sludge, J-100 photo resist stripper and photoresist, waste acids (nitric, hydrofluoric)	July 1971 June 1971 1969		unspecified unspecified unspecified				unspecified unspecified unspecified	AGER0000060-68; Lucent to USEPA 5/9/1997 BSAI031235 BSAI031236	
	"Acids (HF, sulfuric, nitric)"								AGER0000073-77	
	"Photoresist Strippers (J-100, A-20)"								AGER0000073-77	
	"Acids"								AGER0000073-77	
	Wood, paper (per year basis)	1970			2,100			unspecified	AGER0000073-77	
	Food, Mice (per year basis)	1971					11,000	unspecified	AGER0000073-77	
	Flammable liquid waste consisting of acetone, alcohol, toluene, methanol, Stoddard solvent:	estimated volume per year		80,000				unspecified	AGER0000073-77	
		1969		0				unspecified	AGER0000073-77	
		1970		35,000				unspecified	AGER0000073-77	
		estimated volume per year		24,000				unspecified	AGER0000073-77	
Allentown	Non-flammable solvents	1970		55,000				unspecified	AGER0000073-77	
	Trichloroethylene	1969		1400				unspecified 36 carboys (55 gal & 13 gal... [illegible])	AGER0000073-77 AGER0000109	
Unspecified location (Allentown or Reading)	Corrosive Waste Acids									
	Waste Quantities Removed - Average per Month			Avg. gal./mo						
	Concentrated Acid	1969		13,220				unspecified	AGER0000090	
	Concentrated Acid	1970		13,433				unspecified	AGER0000090	
	Concentrated Acid	1971		11,267				unspecified	AGER0000090	
	Concentrated Acid	1972		12,400				unspecified	AGER0000090	
	Concentrated Acid	1973		13,967				unspecified	AGER0000090	
	Concentrated Acid	1974		8,817				unspecified	AGER0000090	
	Concentrated Acid	1975		12,508				unspecified	AGER0000090	
	Concentrated Acid	1976		15,866				unspecified	AGER0000090	
	Concentrated Acid	1977		20,667				unspecified	AGER0000090	
	Concentrated Acid	1978		12,000				unspecified	AGER0000090	
	Mixed Solvent	1969		14,220				unspecified	AGER0000090	
	Mixed Solvent	1970		20,917				unspecified	AGER0000090	
	Mixed Solvent	1971		13,100				unspecified	AGER0000090	
	Mixed Solvent	1972		10,801				unspecified	AGER0000090	
	Mixed Solvent	1973		13,599				unspecified	AGER0000090	
	Mixed Solvent	1974		8,591				unspecified	AGER0000090	
	Mixed Solvent	1975		7,697				unspecified	AGER0000090	

Table 5a  
Western Electric  
Historical Waste Inventory: 1969-1977

Facility Location	Waste Type Generated	Period (Date)	# of 55-gal Drums	Gallons	Pounds	Tons	Cubic Yds	Container/transport type	Reference Bates #	Comments
	Mixed Solvent	1976		5,815				unspecified	AGER0000090	
	Mixed Solvent	1977		7,713				unspecified	AGER0000090	
	Mixed Solvent	1978		7,099				unspecified	AGER0000090	
	Flammable Solvent	1969		-				unspecified	AGER0000090	
	Flammable Solvent	1970		-				unspecified	AGER0000090	
	Flammable Solvent	1971		-				unspecified	AGER0000090	
	Flammable Solvent	1972		9,208				unspecified	AGER0000090	
	Flammable Solvent	1973		12,846				unspecified	AGER0000090	
	Flammable Solvent	1974		7,307				unspecified	AGER0000090	
	Flammable Solvent	1975		6,586				unspecified	AGER0000090	
	Flammable Solvent	1976		4,890				unspecified	AGER0000090	
	Flammable Solvent	1977		6,691				unspecified	AGER0000090	
	Flammable Solvent	1978		6,103				unspecified	AGER0000090	
	Chlorinated Solvent	1969		-				unspecified	AGER0000090	
	Chlorinated Solvent	1970		-				unspecified	AGER0000090	
	Chlorinated Solvent	1971		-				unspecified	AGER0000090	
	Chlorinated Solvent	1972		1,593				unspecified	AGER0000090	
	Chlorinated Solvent	1973		953				unspecified	AGER0000090	
	Chlorinated Solvent	1974		1,284				unspecified	AGER0000090	
	Chlorinated Solvent	1975		1,101				unspecified	AGER0000090	
	Chlorinated Solvent	1976		925				unspecified	AGER0000090	
	Chlorinated Solvent	1977		1,022				unspecified	AGER0000090	
	Chlorinated Solvent	1978		996				unspecified	AGER0000090	
		# Loads (volume/weight unknown)								
	Hazardous Chemical Loads	1969	0.5					unspecified	AGER0000090	
	Hazardous Chemical Loads	1970	2.1					unspecified	AGER0000090	
	Hazardous Chemical Loads	1971	3.7					unspecified	AGER0000090	
	Hazardous Chemical Loads	1972	3.7					unspecified	AGER0000090	
	Hazardous Chemical Loads	1973	3.5					unspecified	AGER0000090	
	Hazardous Chemical Loads	1974	3.2					unspecified	AGER0000090	
	Hazardous Chemical Loads	1975	3.5					unspecified	AGER0000090	
	Hazardous Chemical Loads	1976	3.5					unspecified	AGER0000090	
	Hazardous Chemical Loads	1977	3.6					unspecified	AGER0000090	
	Hazardous Chemical Loads	1978	1.2					unspecified	AGER0000090	
		(drum volume unknown)								
	Hazardous Chemical Drums	1969	-					unspecified	AGER0000090	
	Hazardous Chemical Drums	1970	-					unspecified	AGER0000090	
	Hazardous Chemical Drums	1971	-					unspecified	AGER0000090	
	Hazardous Chemical Drums	1972	-					unspecified	AGER0000090	
	Hazardous Chemical Drums	1973	-					unspecified	AGER0000090	
	Hazardous Chemical Drums	1974	-					unspecified	AGER0000090	
	Hazardous Chemical Drums	1975	-					unspecified	AGER0000090	
	Hazardous Chemical Drums	1976	-					unspecified	AGER0000090	
	Hazardous Chemical Drums	1977	22					unspecified	AGER0000090	
	Hazardous Chemical Drums	1978	32					unspecified	AGER0000090	

Notes/Assumptions:  
Period of interest begins October 1969, when M. DeRavel purchases BHF.  
Period of interest ends in mid-late 1977.

Table  
Ciba-Geigy, Grand Facility  
Historical Waste Inventory: 1969-1977

Waste Type Generated	Period (Date)	# of 55-gal Drums	Gallons	Pounds	Tons	Cubic Yds	Container/transport type	Reference Dates #	Comments
Spent sulfuric acid	5/17/1976		3,000	46,920			Tanker Truck	BSA1004091	Chemical Leaman bill of lading #344573 - destination Modal City NY
"Waste sulfuric acid with traces of nitric acid"	7/20/1976		2,800				Tanker Truck	NOV0032	Ciba Packing list
"Spent acid sulfuric, spent from Bldg 11"	9/3/1976		3,000				Tanker Truck	BSA1026644-47	DeRural Invoice No. 1232, Ciba Packing list, bill of lading
"Spent acid sulfuric, spent from Bldg 12"	9/8/1976		2,800				Tanker Truck	BSA1026639-42	DeRural Invoice No. 1232, Ciba Packing list
"Waste acid removed", "Spent sulfuric acid, Bldg 12"	9/15/1976		2,800				Tanker Truck	BSA1026650-54	DeRural Invoice No. 1239, Ciba Packing list
"Waste acid removed", "Spent sulfuric acid with traces of nitric acid... from Bldg 12"	9/20/1976		2,800				Tanker Truck	BSA1026657-61	DeRural Invoice No. 1244, Ciba Packing list
"Waste acid removed", "Spent sulfuric acid from Bldg 12"	9/30/1976		2,800				Tanker Truck	BSA1026664-68	DeRural Invoice No. 1252, Ciba Packing list
"Waste acid removed", "Spent sulfuric acid with traces of nitric acid... spent from Bldg 12"	10/14/1976		2,800				Tanker Truck	BSA1026671 - 78	DeRural Invoice No. 1259, Ciba Packing list etc.
"Waste acid removed", "Spent sulfuric acid with traces of nitric acid... spent from Bldg 12"	10/28/1976		2,800				Tanker Truck	BSA1026679-85	DeRural Invoice No. 1269, Ciba Packing list etc.
"Waste acid removed", "Spent sulfuric acid with traces of nitric acid... spent from Bldg 12"	11/4/1976		2,800				Tanker Truck	BSA1026686-90	DeRural Invoice No. 1274, Ciba Packing list etc.
"Waste acid removed", "Spent sulfuric acid with traces of nitric acid... spent from Bldg 11"	11/12/1976		3,000				Tanker Truck	BSA1026693-98	DeRural Invoice No. 1286, Ciba Packing list etc.
"Waste acid removed", "Spent sulfuric acid with traces of nitric acid... spent from Bldg 11"	11/17/1976		3,000				Tanker Truck	BSA1026705 -07	DeRural Invoice No. 1291, Ciba Packing list etc.
"Waste acid removed", "Spent sulfuric acid containing traces of nitric from Bldg 12"	11/24/1976		3,000				Tanker Truck	BSA1026701-03	DeRural Invoice No. 1295, Ciba Packing list etc.
"Waste acid removed", "Spent sulfuric acid ... spent from Bldg 12"	12/2/1976		3,000				Tanker Truck	BSA1026710-13	DeRural Invoice No. 1303, Ciba Packing list etc.
"Waste acid removed", "Spent sulfuric acid containing traces of nitric acid. Spent from Bldg 12"	12/24/1976		3,000				Tanker Truck	BSA1026716 -18	DeRural Invoice No. 1323, Ciba Packing list etc.
"Waste acid removed", "Spent sulfuric acid containing traces of nitric acid"	1/4/1977		3,000				Tanker Truck	BSA1004027-9	DeRural Invoice No. 1331, Ciba Packing list
"Waste acid removed", "Spent sulfuric acid containing traces of nitric ... Bldg 12"	1/4/1977		3,000				Tanker Truck	BSA1026727 - 29	DeRural Invoice No. 1331, Ciba Packing list etc.
"Waste acid removed", "Spent sulfuric acid with traces of nitric acid"	1/14/1977		3,000				Tanker Truck	BSA1004022-4	DeRural Invoice No. 1334, Ciba Packing list
"Waste acid removed", "Spent sulfuric acid containing traces of nitric acid. ... Bldg 12"	1/14/1977		3,000				Tanker Truck	BSA1026721 - 24	DeRural Invoice No. 1334, Ciba Packing list etc.
"3000 gal load removed" "Spent sulfuric acid, spent from Bldg. 11 DP-300, 75% sulfuric acid, 13% sodium sulfate, 11% water, 1% organics"	5/10/1977		2,800				Tanker Truck	BSA1004038-41	DeRural Invoice No. 1412, Ciba Packing list
Spent sulfuric acid	5/10/1977			39,720			Tanker Truck	BSA1004160 -62	Chemical Leaman freight bill 0510705, destination Bethlehem PA, National Portland Cement
"Waste acid disposed of", "Spent sulfuric acid, spent from Bldg. 11 DP-300, 75% sulfuric acid, 13% sodium sulfate, 11% water, 1% organics"	5/16/1977		3,000				Tanker Truck	BSA1004032-3	DeRural Invoice No. 1410, Ciba Packing list
"3000 gal load removed" "Spent sulfuric acid, spent from Bldg. 11 DP-300, 75% sulfuric acid, 13% sodium sulfate, 11% water, 1% organics"	6/1/1977		3,000				Tanker Truck	BSA1004042-43	DeRural Invoice No. 1412, Ciba Packing list
Mixed acid for disposal	11/3/1977		40,000				Tanker Truck	BSA1004251-2	Chemical Leaman packing list, destination DuPont, Gibbstown NJ
	Grand total: 1976 total:		69,367	40,000					
	1977 total:		43,400	25,967					

Notes/Assumptions:

Based on 5/17/1976 invoices, a density of 15.43 lbs/gallon for spent sulfuric acid has been assumed, and used as a conversion factor to calculate gallonage in shaded cells (for shipments where quantity was only given in pounds).

**Table 6b**  
**Ciba-Geigy, Cranston RI Facility**  
**Totaled/Extrapolated Waste Volumes Generated 1969 - 1977**

Waste Type Generated	Period (Date)	#of 55-gal Drums	Gallons	
<i>Based on available invoice/bill of lading documents:</i>				
Spent sulfuric acid - monthly average	1976 Monthly Average		8,680	per year
Estimated total annual (monthly average x 12)	1976		104,160	
Spent sulfuric acid - monthly average	1977 Monthly Average		6,492	
Estimated total annual (monthly average x 12)	1977		77,900	
Estimated Annual average (1976 + 1977)/2	Annual Average		91,030	
1976 Actual Total Waste Acid Volume	1976		43,400	
1977 Actual Total Waste Acid Volume	1977		25,967	
<b>Extrapolated 8-year waste acid volume*</b>			<b>728,239</b>	

Notes/Assumptions:

\*The Extrapolated 8-year waste acid volume = (1976 estimate + 1977 estimate + 6(average annual))

Table 7  
Plymouth Tube, Horsham PA  
Historical Waste Inventory: 1969-1977

Waste Type Generated	Period (Date)	# of 55-gal Drums	Gallons	Pounds	Tons	Cubic Yds	Container/transport type	Reference Bates #	Comments
waste acid	6/16/1976		4,000				unspecified	BSAI052293	DeRwal Invoice No. 1195
waste acid	6/22/1976		4,000				unspecified		DeRwal Invoice No. 1175
waste acid*	7/16/1976		4,000				one tanker truck load	BSAI52294	DeRwal shipping order 1451 (Exhibit P-14)
waste acid	9/8/1976		4,000				unspecified	BSAI052297	DeRwal Invoice No. 1231
waste acid	10/21/1976		4,000				unspecified	BSAI052299	DeRwal Invoice No. 1263
spent acid	11/22/1976		4,000				unspecified	BSAI052301	DeRwal shipping order 1495
waste acid	11/24/1976		4,000				unspecified	BSAI052302	DeRwal Invoice No. 1293
	Total		28,000						

Notes/Assumptions:

\*: volume not listed on shipping order. However, based on other shipments and 1/11/1972 DeRwal correspondence which notes minimum 4,000 gallon quantities, this shipment's volume also could be assumed to be 4,000 gallons.

Table 8  
Simon Wrecking Co., Inc., Williamsport, PA  
Historical Waste Inventory: 1969-1977

Facility Location	Waste Type Generated	Period (Date)	# of 55-gal Drums	Gallons	Pounds	Tons	Cubic Yds	Container/transport type	Reference Bates #	Comments
	Paint Sludge	6/30	23	1,150				drums	Jonas ledger page	
	Paint Sludge	7/19	148	7,400				drums	Jonas ledger page	
	Paint Sludge	7/26		2,900				drum & pails	Jonas ledger page	
		<b>Total Paint Sludge:</b>		<b>11,450</b>						
	Solvents	6/30	13	650				drums	Jonas ledger page	
	Solvents	7/12	160	8,000				drums	Jonas ledger page	
	Solvents	7/19	116	5,800				drums	Jonas ledger page	
	Solvents	7/26	148	14,900				drums, "TW"	Jonas ledger page	
		<b>Total Solvents:</b>		<b>29,350</b>						
	Waste Acid	7/12		10,000				"TW" (tank wagon)	Jonas ledger page	
	Waste Acid	7/12		28,500				"TW" (tank wagon)	Jonas ledger page	
	Waste Acid	7/19		10,000				"TW" (tank wagon)	Jonas ledger page	
	Waste Acid	7/19	170	13,000				drums & "TW" (tank wagon)	Jonas ledger page	
	Waste Acid	7/26		4,500				"TW" (tank wagon)	Jonas ledger page	
	Waste Acid	7/26	24	1,200				drums	Jonas ledger page	
		<b>Total Waste Acid:</b>		<b>67,200</b>						
	Waste Oil	7/12		5,000				"TW" (tank wagon)	Jonas ledger page	
	Waste Oil	7/12		5,000				"TW" (tank wagon)	Jonas ledger page	
	Waste Oil	7/12		5,000				"TW" (tank wagon)	Jonas ledger page	
	Waste Oil	7/12		5,000				"TW" (tank wagon)	Jonas ledger page	
	Waste Oil	7/12		10,000				"TW" (tank wagon)	Jonas ledger page	
	Waste Oil	7/19		5,000				"TW" (tank wagon)	Jonas ledger page	
	Waste Oil	7/19		5,000				"TW" (tank wagon)	Jonas ledger page	
	Waste Oil	7/19		5,000				"TW" (tank wagon)	Jonas ledger page	
	Waste Oil	7/19		5,000				"TW" (tank wagon)	Jonas ledger page	
	Waste Oil	7/19		5,000				"TW" (tank wagon)	Jonas ledger page	
	Waste Oil	7/19		10,000				"TW" (tank wagon)	Jonas ledger page	
		<b>Total Waste Oil:</b>		<b>70,000</b>						
	<b>Total Gallons all Waste Streams:</b>			<b>178,000</b>						

Notes/Assumptions:

All data are assumed to date from the same year (based on position in ledger), but the actual year is unspecified.

Table 3  
Sperry/Burroughs  
Historical Waste Inventory: 1969-1977

Facility Location	Waste Type Generated	Period (Date)	# of 55-gal Drums	Gallons	Pounds	Tons	Cubic Yds	Container/transport type	Reference Bates #	Comments
Blue Bell, PA Blue Bell, PA Utica, NY	Liquid Toner (similar to kerosene) Cyanide "Industrial waste"	1973-1974	unspecified							
		4/16/1973	3	150						
		4/25/1972	63	3,465				30-gallon drums 50 (?) gal drums 55-gal drums	BH 0003965 (none) UNIS-0015	Purchase order issued to DeRewal. Univac Purchase Order 63E47973 DeRewal Chemical Invoice
		Total:	66	3,615						